

FIGS. 7A and 7B are sectional views showing the construction and operation of the 5th embodiment of the present invention;

FIG. 8 is a sectional view showing the construction of the 6th embodiment of the present invention;

5 FIG. 9 is a plan view showing the structure of ratchets used for restriction of rotation of the opening unit relative to the additive storage container of the 6th embodiment of the present invention;

10 FIGS. 10A and 10B are enlarged sectional views showing a seal structure of the additive storage container and the mouth of a bottle body according to the 6th embodiment of the present invention;

FIGS. 11A and 11B are sectional views showing the operation of the 6th embodiment of the present invention;

FIG. 12 is a sectional view showing the assembled construction of the 7th embodiment of the present invention;

15 FIG. 13 is a sectional view showing the assembled construction of the 8th embodiment of the present invention;

FIG. 14 is a sectional view showing the assembled construction of the 9th embodiment of the present invention;

20 FIG. 15 is a perspective view showing an opened state of an upper cap of the 9th embodiment of the present invention;

FIG. 16 is a sectional view showing the assembled construction of the 10th embodiment of the present invention;

FIG. 17 is a sectional view showing the assembled construction of the 11th embodiment of the present invention;

25 FIG. 18A through 18C are sectional views showing the operation of the 11th embodiment of the present invention;

FIG. 19 is a sectional view showing the assembled construction of the 12th embodiment of the present invention;

30 FIG. 20 is an enlarged sectional view showing the construction of an important part of the 12th embodiment of the present invention;

FIG. 21 is a sectional view showing the assembled construction of the 13th embodiment of the present invention;

FIG. 38 is a sectional view showing the construction of the 19th embodiment of the present invention;

FIGS. 39A through 39C are sectional views showing the operation of the 19th embodiment of the present invention;

5 FIG. 40 is a sectional view showing the construction of the 20th embodiment of the present invention;

FIG. 41 is a perspective view showing the assembled construction of the 20th embodiment of the present invention;

10 FIGS. 42A and 42B are sectional views showing the operation of the 20th embodiment of the present invention;

FIG. 43 is an exploded perspective view showing the construction of the 21st embodiment of the present invention;

FIG. 44 is a sectional view showing the construction of the 21st embodiment of the present invention;

15 FIGS. 45A and 45B are sectional views showing the operation of the 21st embodiment of the present invention;

FIGS. 46A and 46B are sectional views showing the construction and operation of the 22nd embodiment of the present invention;

20 FIGS. 47A and 47B are sectional views showing the construction and operation of the 23rd embodiment of the present invention;

FIG. 48 is a sectional view showing the construction of the 24th embodiment of the present invention;

FIG. 49 is a side view showing the appearance of an additive storage container of the 24th embodiment of the present invention;

25 FIGS. 50A and 50B are sectional views showing the operation of the 24th embodiment of the present invention;

FIG. 51 is a sectional view showing the construction of the 25th embodiment of the present invention;

30 FIG. 52 is a side view showing the appearance of an additive storage container of the 25th embodiment of the present invention; and

FIGS. 53A and 53B are views showing the operation of the 25th embodiment of the present invention.

【Best Mode】